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Gary Hartmann Location Knx -2A11

Art Unit: 3671 Employee #24158

2-6959

Friday, April 23 2010

Case Serial Numbers:09//512894

From: Etelka R. Griffin

Location: EIC 3600

KNOX/4B68

Phone:571-272-4230

Etelka.griffin@uspto.gov

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No Litigation was found on Ser#09/512894



Application Number Information

Application Number: 09/512894

Assignments ?

Filing or 371(c) Date: 02/24/2000 eDan

Effective Date: 02/24/2000

Application Received: 02/25/2000

Patent Number:

Issue Date: 00/00/0000

Date of Abandonment: 00/00/0000

Attorney Docket Number: 33/759

Status: 89 /ALLOWANCE COUNTED

Confirmation Number: 6061

Examiner Number: 74158 / HARTMANN, GARY

Group Art Unit: 3671

IFW Madras Class/Subclass: 404/006.000

Lost Case: NO

Interference Number:

Unmatched Petition: NO L&R Code: Secrecy Code:1

Third Level Review: NO

Secrecy Order: NO

Status Date: 09/06/2008

Oral Hearing: NO Title of Invention: HIGHWAY CRASH CUSHION AND COMPONENTS THEREOF

| Bar Code PALM Location Location Date Charge to Loc | Charge to Name Employee Name Location |
|--|---------------------------------------|
| Appln Contents Petition info Atty/Agent info | Gontinuity/Reexam Coreign Data |
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http://EXPOWEB1:8001/cgi-bin/expo/GenInfo/snquery.pl?APPL_ID=09512894

Continuity/Reexam Information for 09/512894

Parent Data

09512894, filed 02/24/2000 is a reissue of 08558109, filed 11/13/1995 ,now U.S. Patent #5733062

| Child Data Application of Contents Petition info | Atty/Agent/info Continuity/Reexam Foreign Data |
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Application Number Information

Application Number: 08/558109

Assignments*

Filing or 371(c) Date: 11/13/1995 eDan

Effective Date: 11/13/1995

Application Received: 11/13/1995

Patent Number: 5733062 Issue Date: 03/31/1998

Date of Abandonment: 00/00/0000

Attorney Docket Number: 33/539

Status: 150 /PATENTED CASE

Confirmation Number: 3387

Examiner Number: 71687 / LISEHORA, JAMES

Group Art Unit: 3625

Class/Subclass: 404/006.000

Lost Case: NO

Lost Case. NO

Interference Number:
Unmatched Petition: NO

L&R Code: Secrecy Code:1

Third Level Review: NO

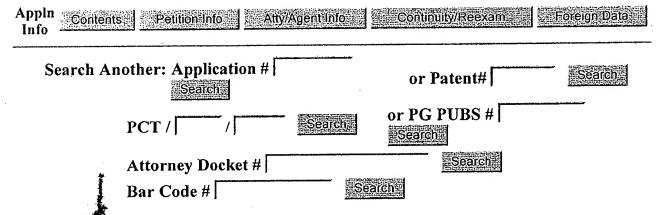
Secrecy Order: NO

Status Date: 02/23/1998

nber: 3387 Oral Hearing: NO

Title of Invention: HIGHWAY CRASH CUSHION AND COMPONENTS THEREOF

| Bar Code | PALM Location | Location Date | Charge to Loc | Charge to Name | Employee Name | Location |
|----------|------------------|------------------|------------------|-------------------|---------------------|----------------|
| 08558109 | 36Q5 | 01/25/2010 | 36X1 | HARTMANN, GARY | LUU,TUYET PHUONG | KNX/03/A 55 |



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Patents [i]

Terms: patno=5733062 (Edit Search)

558109 (08) 5733062 March 31, 1998

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5733062

Get Drawing Sheet 1 of 5 Access PDF of Official Patent * Order Patent File History / Wrapper from REEDFAX® Link to Claims Section

March 31, 1998

Highway,, crash,, cushion and components thereof,

APPL-NO: 558109 (08)

FILED-DATE: November 13, 1995

GRANTED-DATE: March 31, 1998

CORE TERMS: panel, cushion, crash, fender, diaphragm, energy, sub, absorbing, indicator, groove, trailing edge, leg, guide rail, lateral, centerline, highway, slot, impacting, housing, segment, axial, rail, retainer, collapse, ridges, snagging, feet, fastener, slide, zone

ENGLISH-ABST:

A highway crash cushion includes a single, central, rigid, guide rail that guides the crash cushion in axial collapse. Diaphragm assemblies are each provided with recessed legs, and a central guide that slides along the rail while locking against the rail in a lateral collision. The diaphragm assemblies support fender panels that include four longitudinally extending ridges, a central slot, and a tapered trailing edge that reduces vehicle snagging. Energy absorbing elements are disposed between the diaphragm assemblies, and each includes an indicator that clearly indicates when the element has been compressed and possibly damaged.

Source: Legal > Area of Law - By Topic > Patent Law > Find Patents > More U.S. Patents > Utility, Design and Plant Ratents 🕕

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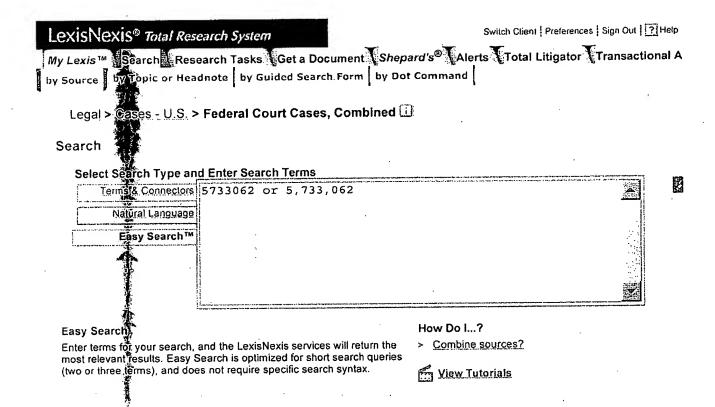
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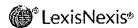
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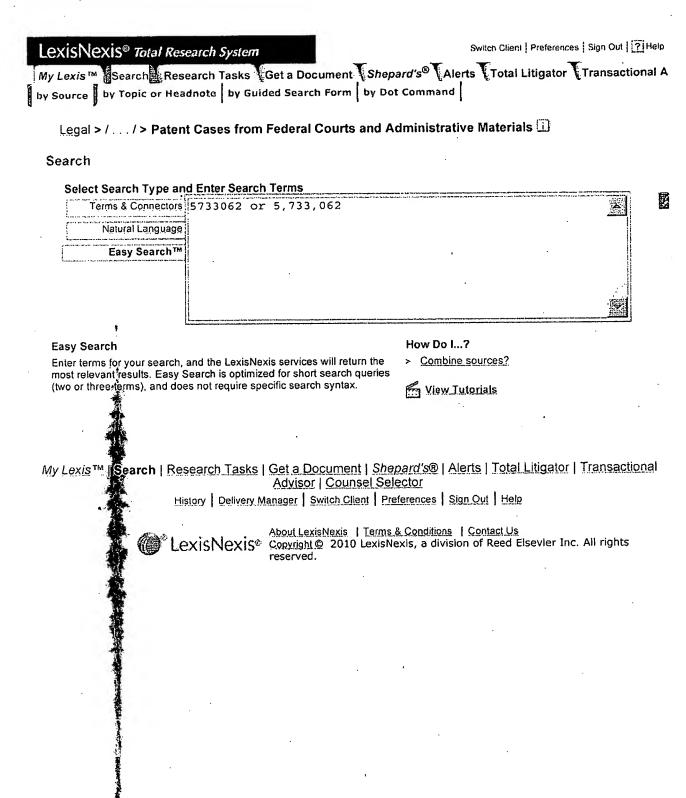
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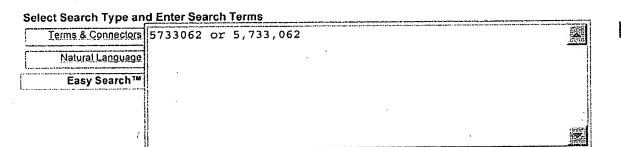
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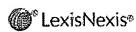
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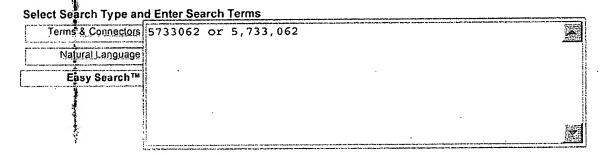
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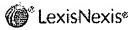
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2959275

Status Changes: • **REASSIGNED** • **REISSUE REQUESTED** Assignee: Energy Absorption Systems Inc (REASSIGNED)

Patent Number: US 5733062 Issue Date: 19980331

Reissue Request

| Request Number | Request Date | O.G. Date | Examination Group Reissue Pat | tent No. |
|----------------|--------------|-----------|-------------------------------|----------|
| 09/512894 | 20000224 | 20000516 | 3625 | |

Reassignment(s):

1. Recorded: 20041015

Action: SECURITY AGREEMENT

Assignor: ENERGY ABSORPTION SYSTEMS, INC., DATE SIGNED: 09/10/2004 Assignee: THE NORTHERN TRUST COMPANY, 50 SOUTH LASALLE STREET,

CHICAGO, ILLINOIS, 60675

Reel: 015870 Frame: 0880

Contact: COOK, ALEX, MCFARRON, ET AL, ANDREW G. KOLOMAYETS, 200 WEST

ADAMS STREET, SUTIE 2850, CHICAGO, ILLINOIS 60606

2. Recorded: 20050610

Action: REAFFIRMATION AND AMENDMENT OF PATENT SECURITY AGREEMENT Assignor: ENERGY ABSORPTION SYSTEMS INC., PLEDGOR, DATE SIGNED: 04/20/2005 Assigner: LASALLE BANK NATIONAL ASSOCIATION, 135 SOUTH LASALLE STREET,

CHICAGO, ILLINOIS, 60603

Reel: 016116 Frame: 0674

Contact ANDREW G. KOLOMAYETS, 200 WEST ADAMS STREET, SUITE 2850,

CHICAGO, IL 60606 3. Recorded: 20050610

Action: SECURITY AGREEMENT

Assignor: THE NORTHERN TRUST COMPANY, DATE SIGNED: 04/20/2005

Assigner: LASALLE BANK NATIONAL ASSOCIATION, 135 SOUTH LASALLE STREET,

CHICAGO, ILLINOIS, 60603

Reel: 016116 Frame: 0686

Contact ANDREW G. KOLOMAYETS, 200 WEST ADAMS STREET, SUITE 2850,

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